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Comments on a paper entitled "The Calculation of Soviet Helicopter Performance" [REDACTED] 25X1A9a

1. The author makes no mention of the fact that for the past ten years, at least, the intelligence community has concentrated considerable effort upon the analysis [REDACTED] certain principles of [REDACTED] it has been possible to estimate aircraft performance. ATIC has been very active in such analysis, and has frequently called upon the U.S. aircraft industry for guidance. From [REDACTED] Mig-15, used in connection with other available intelligence, ATIC estimated performance which when checked out with the actual aircraft some years later proved to be extremely accurate. While bomber and fighter aircraft have taken priority over other types of aircraft in this kind of analysis, other types including helicopters and transports have also been analysed using the same techniques. 25X1X1

2. I have no criticism of the author's method of estimating helicopter performance, because once such assumptions as, horse-power rating, blade tip speeds, rotor disc area and gross weight of aircraft have been resolved [REDACTED] methods, the actual performance calculation is fairly routine. However, I suggest that the paper be coordinated with the people in ATIC who have estimated Soviet helicopter performances by this method in the past. 25X1X1

3. 25X1X1 left with the impression that the author has put forth an original idea for [REDACTED]. This of course is not true. It appears to me that the writer has treated two subjects which, in my opinion, should be treated in separate papers. I suggest papers entitled as follows: first; "Intelligence Techniques Utilized to Determine Parameters for Estimating Helicopter Performance", and second; "A Method for Calculation of Helicopter Performance." The first paper would deal with the intelligence problems involved only, while the second would deal only with the calculation of helicopter performance whether US or USSR.

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